

What is claimed is:

1 1. A washing machine control method comprising steps of:
2 proceeding a user-selected wash course for a predetermined time after supplying
3 water to a washing machine according to a first water level set based on an amount of laundry
4 in the washing machine;
5 sensing a second water level corresponding to the predetermined time of the wash
6 course;
7 calculating a water level reduction rate based on the set first water level and the
8 sensed second water level;
9 determining an optimum water re-supply amount by comparing the calculated water
10 level reduction rate to a predetermined value; and
11 completing the user-selected wash course after re-supplying water to the washing
12 machine according to the optimum water re-supply amount.

1 2. The method as claimed in claim 1, further comprising steps of:
2 re-supplying the water according to the first water level, if the calculated water level
3 reduction rate is less than the predetermined value; and
4 re-supplying the water according to a third water level, if the calculated water level
5 reduction rate is not less than the predetermined value.

1 3. The method as claimed in claim 2, wherein the third water level is greater
2 than the first water level.

1 4. The method as claimed in claim 1, wherein said sensing and calculating steps
2 are each repeated, to obtain an average rate of water level reduction, and wherein the user-
3 selected wash course is reset based on the average rate of water level reduction.

1 5. The method as claimed in claim 4, wherein the said sensing and calculating
2 steps are each repeated three times.

1 6. The method as claimed in claim 4, wherein the said sensing and calculating
2 steps are each repeated four times.

1 7. The method as claimed in claim 1, wherein the water levels are sensed by
2 sensing a variation of a water pressure of the water in the washing machine.